## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2003-088780

(43) Date of publication of application: 25.03.2003

(51)Int.Cl.

B05B 7/02 B05B 12/08

(21)Application number : 2002-209491

(71)Applicant: SATA FARBSPRITZTECHNIK

**GMBH & CO** 

(22) Date of filing:

18.07.2002

(72)Inventor: SCHMON EWALD

**DETTLAFF PETER** 

(30)Priority

Priority number : 2001 10135104

Priority date: 19.07.2001 Priority country: DE

## (54) IMPROVED PAINT SPRAY GUN

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a spray gun that easily detects and displays a spray pressure using a simple means.

SOLUTION: In a spray gun body 1, a tube 38 is disposed distant from the inner surface by a certain distance in a compressed air borehole 36 in order to detect and display a spray pressure. The tube 38 has a channel 53 that feeds compressed air into part of piston boreholes of compressed air valves 31 and 32 in its inside. The boundary of the tube 38 constitutes an intermediate clearance 39 formed between its outside and the inner wall of the compressed air borehole 36, the intermediate clearance 39 is connected to a pressure chamber 28 disposed downstream of the compressed air

valves 31 and 32 via the first connection channel 50 and further connected to a pressure gauge chamber 46 formed on a grip 2 allotted for a pressure detection/pressure display device 45 via the second connection borehole channel 52.

المريد المهدة

## LEGAL STATUS

[Date of request for examination]

30.08.2002

[Date of sending the examiner's decision of

rejection]

[Kind of final disposal of application other than

the examiner's decision of rejection or

application converted registration]

[Date of final disposal for application]

[Patent number]

3440094

[Date of registration]

13.06.2003

[Number of appeal against examiner's

decision of rejection]

[Date of requesting appeal against examiner's

decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office